

## UNCLASSIFIED

<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)</b>								DATE <b>February 2002</b>	
BUDGET ACTIVITY <b>07 - Operational System Development</b>				PE NUMBER AND TITLE <b>0305148F AF Tac Measurement &amp; Sign</b>				PROJECT <b>5053</b>	
COST (\$ in Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
5053      ARGUS	0	0	6,486	10,449	11,238	4,681	3,269	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0
<p>1. In FY02 (Steel Eagle ARGUS) received \$15.0M as part of the Defense Emergency Relief Fund (DERF). These funding procured an additional 25 sensors and provided seed funding for the ARGUS program in support of ENDURING FREEDOM. These dollars are not reflected in the FY02 program total. Air Force Tactical Measurement and Signatures is a FY 2003 new start effort.</p> <p>2. In FY03 AF Tac Measurement &amp; Sign anticipates receiving \$9M from the Cost of War Transfer Account. These funds are not included in the FY03 Air Force baseline. Funding will be used for Advanced Remote Ground Unattended Sensor (ARGUS).</p> <p>(U) <b><u>A. Mission Description</u></b>  This program encompasses development and Low Rate Initial Production (LRIP) of the Joint Requirements Oversight Council (JROC) approved Advanced Remote Ground Unattended Ground Sensor (ARGUS). Each sensor is self-contained with internal battery power, 2-way satellite communication transceiver, sensor suite, signal processing, and Global Positioning System. ARGUS is designed for 24/7 operations in worldwide geographic and climate conditions and can be air delivered or hand emplaced. ARGUS provides joint forces and other commanders with MASINT (Measurement and Signatures Intelligence) derived information on designated, high-priority, mobile enemy systems autonomously. In addition it will provide cueing for wide area sensors on Intelligence, Surveillance &amp; Reconnaissance (ISR) platforms such as the JSTARS, Predator, U-2, or Global Hawk. Funding completes acquisition plan, engineering and manufacturing development in FY03 and LRIP in FY04. Also, funds Operational Testing &amp; Evaluation (OT&amp;E)/Developmental Testing &amp; Evaluation (DT&amp;E) and initiates LRIP contract phase in FY05.</p> <p>(U) <b><u>FY 2001 (\$ in Thousands)</u></b>  (U) \$0                      No Activity  (U) \$0                      Total</p> <p>(U) <b><u>FY 2002 (\$ in Thousands)</u></b>  (U) \$0                      No Activity  (U) \$0                      Total</p>									
<div style="display: flex; justify-content: space-between;"> <span>Project 5053</span> <span>Page 1 of 5 Pages</span> <span>Exhibit R-2 (PE 0305148F)</span> </div>									

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<p>(U) <b><u>A. Mission Description Continued</u></b></p> <p>(U) <u>FY 2003 (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">(U) \$1,080</td> <td>Program Management</td> </tr> <tr> <td>(U) \$220</td> <td>Development, Testing &amp; Engineering (DT&amp;E)</td> </tr> <tr> <td>(U) \$200</td> <td>Simulation Support</td> </tr> <tr> <td>(U) \$750</td> <td>Ballistics Testing</td> </tr> <tr> <td>(U) \$4,236</td> <td>Engineering, Manufacturing &amp; Development (EMD)</td> </tr> <tr> <td>(U) \$6,486</td> <td>Total</td> </tr> </table> <p>(U) <b><u>B. Budget Activity Justification</u></b></p> <p>This program is in budget activity 7, Operational Systems Development, because it addresses development and capabilities to support already operational weapon systems.</p> <p>(U) <b><u>C. Program Change Summary (\$ in Thousands)</u></b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 10%; text-align: center;"><u>FY 2002</u></th> <th style="width: 10%; text-align: center;"><u>FY 2003</u></th> <th style="width: 15%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">TBD</td> </tr> <tr> <td>(U) Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    a. Congressional/General Reductions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    b. Small Business Innovative Research</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    d. Below Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    e. Rescissions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2002 PBR</td> <td></td> <td></td> <td style="text-align: center;">6,486</td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2003 PBR</td> <td></td> <td></td> <td style="text-align: center;">6,486</td> <td style="text-align: center;">TBD</td> </tr> </tbody> </table> <p>(U) <b><u>Significant Program Changes:</u></b></p>				(U) \$1,080	Program Management	(U) \$220	Development, Testing & Engineering (DT&E)	(U) \$200	Simulation Support	(U) \$750	Ballistics Testing	(U) \$4,236	Engineering, Manufacturing & Development (EMD)	(U) \$6,486	Total		<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Total Cost</u>	(U) Previous President's Budget	0	0	0	TBD	(U) Appropriated Value					(U) Adjustments to Appropriated Value					a. Congressional/General Reductions					b. Small Business Innovative Research					c. Omnibus or Other Above Threshold Reprogram					d. Below Threshold Reprogram					e. Rescissions					(U) Adjustments to Budget Years Since FY 2002 PBR			6,486		(U) Current Budget Submit/FY 2003 PBR			6,486	TBD
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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)										DATE February 2002	
BUDGET ACTIVITY 07 - Operational System Development					PE NUMBER AND TITLE 0305148F AF Tac Measurement & Sign					PROJECT 5053	
(U) <b><u>D. Other Program Funding Summary (\$ in Thousands)</u></b>											
	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>Cost to</u>	<u>Total Cost</u>		
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>			
(U)	AF RDT&E										
(U)	Other APPN										
(U)	3400					2,380	3,350		5,730		
(U) <b><u>E. Acquisition Strategy</u></b>											
Proposals will be solicited for initial development and prototype design through open and competitive bid contract type TBD. Procurement of ARGUS Block I development production systems will be awarded as a Firm Fixed Price (FFP) contract.											
(U) <b><u>F. Schedule Profile</u></b>											
	<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>						
	1	2	3	4	1	2	3	4	1	2	3
(U)									1		
									X		
(U)										X	
(U)											
										X	

Project 5053

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Exhibit R-2 (PE 0305148F)

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002			
BUDGET ACTIVITY				PE NUMBER AND TITLE				PROJECT		
<b>07 - Operational System Development</b>				<b>0305148F AF Tac Measurement &amp; Sign</b>				<b>5053</b>		
(U) <b><u>A. Project Cost Breakdown (\$ in Thousands)</u></b>										
						<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>
(U)	Ballistics Testing									750
(U)	DT&E									220
(U)	Simulation Support									200
(U)	EMD									4,236
(U)	Program Mangement									1,080
(U)	Total									6,486
(U) <b><u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u></b>										
(U) <b><u>Performing Organizations:</u></b>										
	<u>Contractor or</u>	<u>Contract</u>								
	<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>					
	<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
	<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>
	<u>Product Development Organizations</u>									<u>Total</u>
	ESC	TBD	TBD						6,486	Continuing
	<u>Support and Management Organizations</u>									
	<u>Test and Evaluation Organizations</u>									
(U) <b><u>Government Furnished Property:</u></b>										
	<u>Contract</u>									
	<u>Method/Type</u>	<u>Award or</u>								
	<u>Item</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Delivery</u>		<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
	<u>Description</u>	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>		<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>
	<u>Product Development Property</u>									<u>Total</u>
	<u>Support and Management Property</u>									
	<u>Test and Evaluation Property</u>									
Project 5053						Page 4 of 5 Pages		Exhibit R-3 (PE 0305148F)		

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)					DATE February 2002		
BUDGET ACTIVITY		PE NUMBER AND TITLE				PROJECT	
07 - Operational System Development		0305148F AF Tac Measurement & Sign				5053	
<u>Subtotals</u>		<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
		<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>
Subtotal Product Development					6,486	TBD	TBD
Subtotal Support and Management							
Subtotal Test and Evaluation							
Total Project					6,486	TBD	TBD
							</